



DEPARTMENT OF THE NAVY
NAVAL AIR WARFARE CENTER TRAINING SYSTEMS DIVISION
12211 SCIENCE DRIVE
ORLANDO, FLORIDA 32826-3224

IN REPLY REFER TO:

J&A 16_0425

**JUSTIFICATION AND APPROVAL
FOR USE OF OTHER THAN FULL AND OPEN COMPETITION**

1. Contracting Activity.

Naval Air Warfare Center Training Systems Division (NAWCTSD) - Orlando, FL

2. Description of the Action Being Approved.

This Justification and Approval (J&A) authorizes and approves the issuance of a sole source Firm Fixed Price (FFP) contract for the procurement of spare and repair parts specific to multiple brand name original equipment manufacturers (OEMs) in order to support the Mission System Trainer (MST) 2F221-2 for the MQ-8B Fire Scout program.

3. Description of Supplies/Services.

NAWCTSD is responsible for acquisition, fielding, and life cycle support of training systems. The MQ-8B Fire Scout MST, Device 2F221-2, will be co-located with the MH-60R/S support communities at the Naval Air Station (NAS) Norfolk, VA. Ensuring the availability of a material support package after the trainer has been fielded, is critical in fulfilling NAWCTSD's responsibility. The spare and repair parts listed in Attachment 1, Spare and Repair Part List, are commercially available from the brand name OEMs or resellers. The timely acquisition of spare and repair parts is essential to ensure uninterrupted training system operability, which will maximize the utilization of valuable training assets and limit negative impact on the students relying on the training.

The total estimated value of this J&A procurement is \$220,000.

Estimated Dollar Value in Thousands

	FY16	Total
APN-6	\$220K	\$220K
Total	\$220K	\$220K

4. Statutory Authority Permitting Other Than Full and Open Competition.

FAR 13.501(a)(1)(ii) Simplified Procedures for Certain Commercial Items - The procedures in FAR subpart 13.5 will be used in accordance with 41 U.S.C. 1901 to procure the spare and repair parts on a sole source basis (including brand name).

5. Rationale Justifying Use of Cited Statutory Authority.

During the initial Preliminary Design Review (PDR) and Critical Design Review (CDR) process, the training system's prime manufacturer conducted market research and analysis that takes into consideration form, fit and function requirements to permit precise interaction with other selected trainer components, subassemblies and assemblies. The spare and repair parts listed in Attachment 1 were subjected to detailed engineering analysis during the trainer's PDR and CDR to confirm their inter-component functionality. Confirmation of this functionality was determined through extensive trainer testing. The interchangeability and reliability of spare and repair parts, with the items currently installed in the trainer, are essential and does not lend to substitution. Spares are not tested prior to their required use; they are purchased after the design is mature and it is expected that the spares will be capable of replacing the failed part with 100% success. When dealing with electronic components, software, and software drivers, experience has shown that if the brand name specific components that were tested during design and manufacturing processes are not used, there is an unacceptable risk that the substituted spare will not function properly or function at all. The insertion of one incorrect part could necessitate troubleshooting, software coding, and configuration changes that lead to significant delays in trainer availability directly affecting Warfighter training.

The brand name specific spare and repair parts listed in Attachment 1, Spare and Repair Part List, cannot be substituted without negatively impacting trainer functionality based on the level of integration of the spare and repair parts within the training system. Substitution of these parts with similar, but not identical, parts would cause trainer discrepancies and failures. Hence, the brand name parts listed in Attachment 1 are crucial to ensuring the fielded system maintains its performance characteristics according to its original specifications.

6. Description of Efforts Made to Solicit Offers from as Many Offerors as Practicable.

As noted above, during the initial PDR and CDR process, the training system's prime manufacturer conducted market research and analysis that takes into consideration form, fit and function requirements to permit precise interaction with other selected trainer components, subassemblies and assemblies. Although the requirement is for brand name only components, these components are commercially available from multiple vendors.

7. Determination of Fair and Reasonable Cost.

In accordance with FAR 13.106-3(a)(1), adequate price competition will be used to establish a fair and reasonable agreed upon price. Sufficient market research of current prices, as well as an Independent Government Cost Estimate (IGCE) will be available as-needed to assist in this determination.

8. Actions to Remove Barriers to Future Competition.

Although the items identified are brand-name specific, multiple vendors are able to re-sell the required materials. As such, the Government intends to compete future similar efforts. The Integrated Product Team (IPT) will also work with the customer in the future to determine whether it is possible to remove and/or reduce the necessity of using brand names currently identified within the requirements.